

Add the following new claims:

B3 5. (New) A rotary electric apparatus as recited in claim 1 further including an insulating coating encircling the enameled wires and the strand thereof for further retaining the stranded wires in position after the winding.

6. (New) A rotary electric apparatus as recited in claim 5 wherein the insulating coating comprises a plastic material.

REMARKS

The Abstract has been amended so as to eliminate the terminology that the Examiner has objected to.

Claim 1, the only independent claim presented before the Examiner, has been amended so as to further emphasize its distinctions over the cited art. In addition, new Claims 5 and 6 have been added directed toward the subject matter shown in FIG. 7.

Claims 1 and 3 have been rejected under 35 U.S.C. 103(a) on the combination of Lugosi et al in view of Kim and the remaining claims have been rejected on this combination in view of certain additional references. It is submitted that the Lugosi/Kim combination is not one which would be obvious to one skilled in the art and, it is respectfully submitted, is made in light of Applicant's teaching rather than the teaching of the cited art.

The Lugosi reference does not relate to a conductor for a coil winding even though it makes reference to dynamo electric machines because it is believed that those machines dealt with are not of the type having coil winding. As seen in this reference, the bars that are formed are formed of square pieces of conducting material with some boxes of cooling tubes embedded therein. It is not believed that these units can be or are wound around coil poles and thus, it is submitted that this teaching is not one that would lead one skilled in the art to use a stranded wire in coil windings. Claim 1 has been amended so as to further emphasize this distinction.

New Claims 5 and 6 recite a further feature shown in FIG. 7 wherein the twisted enameled wire is further encased within a plastic coating for holding the material in position and retaining the wire positions after winding. The art of record does not show this feature.

It is also believed that the combination applied by the Examiner in the claims not rejected on the two reference combination is equally strained and is not one that would be obvious to one skilled in the art.

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In view of the foregoing, it is most respectfully submitted that this application is in condition for favorable action and such action is most courteously solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Ernest A. Beutler', with a long horizontal flourish extending to the right.

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VERSION WITH MARKINGS SHOWING CHANGES MADE

IN THE ABSTRACT

Revise the Abstract as follows:

-- This invention proposes a rotary electric apparatus including [comprising] a rotor having permanent magnets, and a stator constituted with a core provided with coils made by winding a magnet cable, wherein [said] the magnet cable is a stranded cable made by twisting a bundle of enameled wires. The stranded cable makes it possible to wind without quality problems, without becoming bulky, in high density, with easy coiling process, and high productivity. This makes the rotary electric apparatus all the more smaller and lighter. --

IN THE CLAIMS

Amend Claim 1 as follows:

1. (Twice Amended) A rotary electric apparatus comprising a first element having a permanent magnet, and a second element with magnet wires wound around [stator] cores, said first and said second elements being supported for relative rotation, said magnet wires comprising plural enameled wires twisted together to form a stranded cable that is subsequently wound around said cores.

Add the following new claims:

5. (New A) A rotary electric apparatus as recited in claim 1 further including an insulating coating encircling the enameled wires and the strand thereof for further retaining the stranded wires in position after the winding.

6. (New A) A rotary electric apparatus as recited in claim 5 wherein the insulating coating comprises a plastic material.